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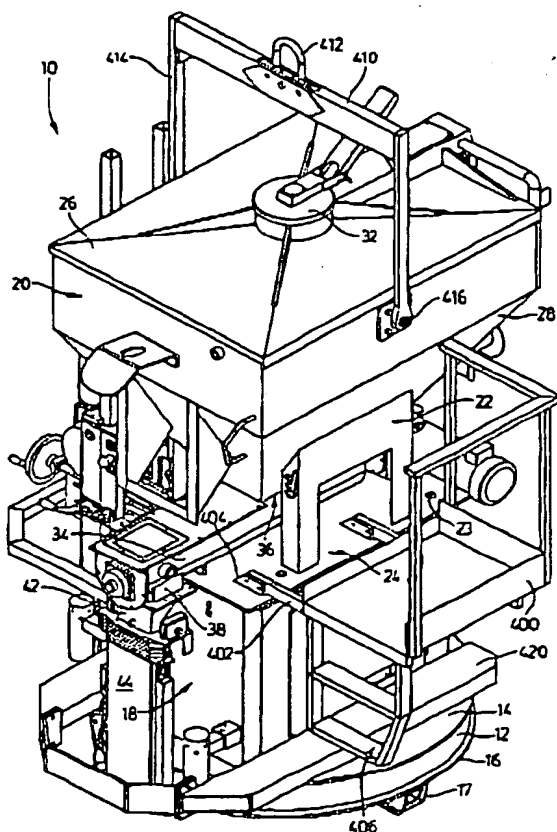
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(54) Title: APPARATUS FOR DISPENSING PARTICULATE MATERIAL AND COMPONENTS THEREFOR



(57) Abstract: A particulate dispensing apparatus (10) for dispensing with particulate refractory material into a gap between a furnace wall and a form includes a platform (12) removably engaging the upper end of an expendable metal form. A carriage (14) is pivotally coupled to the platform and is rotatable about a pivot point located generally at the center of the platform. A hopper (20) is coupled to the carriage. The hopper receives particulate refractory material via an inlet and dispenses the particulate refractory material through an outlet (36). A feeder (34) is coupled to the outlet of the hopper to move the particulate refractory material from the outlet to a dispenser (44). The dispenser is coupled to the carriage at a distal end of the feeder and is suspended above the lining gap to deliver particulate refractory material into the lining gap. An air extractor device (170) is coupled to the carriage for removing air from particulate refractory material in the lining gap and for re-compacting the particulate refractory material.

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